Page of 2
Date Mailed: June 21, 2001

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TRACE IN	FORM	MATION	Atty. Docket No.:			Serial	Serial No.:			
	ISCL	OSURE	1004-012US01			09/848	09/848,483			
		EMENT								
	17111		Ap	Applicant(s):						
			Raymond P. Johnston, Jennifer R. Yi, and Brian E. Spiewak							
			Fili	ing Date:		Group):			
			Ma	y 3, 2001						
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Examiner Initial		Document Numbe	r	Date	Name	Class	SubClass	_ ~	Date If	
Pals		4,109,118		08/22/78	Kley	200	5 E		-	
12113		4,249,044		02/03/81	Larson	200	5 A	_		
DOB		4,421,958		12/20/83	Kameda	200	5 A			
PUB		4,500,758		02/19/85	Guckenheimer	200	5 A			
1911	<u>-</u>	4,508,942		04/02/85	Inaba	200	5 A			
PAB		4,862,499		08/29/89	Jekot et al.	379	368	_		
1945		5,457,297		10/10/95	Chen	200	344			
Pass		5,514,843		05/07/96	Wilfong et al.	200	5 R			
PAIS		5,630,501		05/20/97	Tsay	200	344			
Pals		5,666,112		09/09/97	Crowley et al.	341	22			
Pas		5,742,242		04/21/98	Sellers	341	22			
pan		5,760,351		06/02/98	Tsai	200	5 A			
pals		5,812,116		09/22/98	Malhi	345	168			
		FC	RE	IGN PATEN	T DOCUMENTS	3				
		Document Numbe	r	Date of	Country	Class	SubClass	Trans	lation	
				Publication				Yes	No	
pur		0 942 444 A2		09/15/99	EPO	H01H	13/70			
pur		1 001 443 A1		05/17/00	EPO	H01H	13/70			
PUS		1 024 510 A2		08/02/00	EPO	H01H	13/70			
pah		1 056 107 A2		11/29/00	EPO	H01H	13/70			
	THE	R DOCUMENTS	(In	cluding Autl	nors, Title, Date,	Pertinent 1	Papers, et	c.)		
PAB		IBM Technical	Disc	losure Bullet	in, "Key Matrix U	sing a Fluli	id Mediun	n," p.	744,	
1240		August 1970						<u>, </u>		
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 (Also form PTO-1449)

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Date Mailed: June 21, 2001

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					nston, Jennifer R.			ewak		
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Examiner		Document Number		. PATENT I	DOCUMENTS Name	Class	SubClass	Filing	Date If	
Inițial		Document Number		Date	Name	Class	Subciass		opriate	
1945		5,874,700		02/23/99	Hochgesang	200	515			
PUB		5,879,088		03/09/99	English	400	481			
pass		5,967,298		10/19/99	Watanabe et al.	200	344			
MB		6,064,019		05/16/00	Buchan et al.	200	302.2			
PAR		6,100,478		08/08/00	LaPointe et al.	200	314			
pak	_	6,130,593		10/10/00	Van Zeeland	335	205			
pub		6,137,072		10/24/00	Martter et al.	200	512			
pho		6,144,003		11/07/00	Kamishima	200	515			
Pas		6,178,619 B1		01/30/01	Tai	29	622			
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					<u> </u>					
		,			T DOCUMENTS		1			
		Document Number		Date of Publication	Country	Class	SubClass		slation	
PUP		32 18 404 A1		11/17/83	Germany	H01H	13/70	Yes	No	
1945		198 19 693 A1		11/04/99	Germany	H01H	3/30	*	 	
MB		200 02 680 U1		06/08/00	Germany	H01H	13/14	*	 	
pas		200 02 080 U1 200 09 377 U1		09/21/00	· · · · · · · · · · · · · · · · · · ·	H01H	13/702	*	┼	
		200 09 377 U1 200 09 919 U1			Germany		13/702	*	┼	
pgB				09/28/00	Germany	H01H			 	
pais		200 16 887 U1		02/15/01	Germany	H01H	13/705	X	<u> </u>	
	THER	WO 98/39785	Œη	09/11/98	PCT	H01H	13/70	- \ - \	<u> </u>	
) I HER	DOCUMENTS	(Inc	cluding Auti	hors, Title, Date,	rerument	rapers, ei	.c.)		
		* English Langu	age	Abstract		BEC	EIVED			
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					•	Technology		00		
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	Pa	ul Bell			9	7/24/	2003		•	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820 (Also form PTO-1449)

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Főfta 1449*		Docket Number:	Арр	lication Number	:		
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	FIONDISCLOSURE ATEMENT	Applicant:					
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(Use severa	l sheets if necessary)	May 3, 2001	263	5			
			Examiner Name:				
		Unknown				<u> </u>	
		U.S. PATE	NT DOCUMENTS REC	EIVED	<u> </u>		
Examiner Initial	Document Number	Issue/Document Publication Date	Name APR	0 4 2002	Filing D Approp		
PaB	3,266,113	08/16/66	Flanagan, Jr.				
PAB	3,879,835	04/29/75	Brumlik Jechnolog	y Center 260	0		
MB	4,290,832	09/22/81	Kalleberg				
PAB	4,894,060	01/16/90	Nestegard				
MB	5,119,531	06/09/92	Berger et al.				
MAR	5,235,731	08/17/93	Anzai et al.				
PUB	5,396,687	03/14/95	Osterman				
Pah	5,398,387	03/21/95	Torigoe et al.				
PaB	5,505,747	04/09/96	Chesley et al.				
		FOREIGN PA	TENT DOCUMENTS				
Examiner	Document Number	Publication	Country		Translation		
Initial		Date			Yes	No	
pas	WO 01/58302	08/16/01	PCT				
pan	WO 01/58780	08/16/01	PCT				
		<u> </u>				 	
OTHER DO	OCUMENTS (Includia	ng Authors, Title of	Item, Page(s), Vol/Issue No., Pu	ıblisher, Place o	of Public	ation)	
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Page 1 of 1

Application Number	09/848483
Filing Date	May 3, 2001
First Named Inventor	Johnston, Raymond P.
Art Unit	2635
Examiner Name	Unknown
Attorney Case Number	56470US002

-417	U.S. Patent Documents								
Exam.	Cite	Document Number	Publication Date or Issue Date	Name of Patentee	Pages, Columns, Lines, When				
Init.*	No.	Doc. Number-(Kind Code if Known)	MM-DD-YYYY	or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
PAG	A1	US- 3,707,609	12/26/1972	Dapot et al.					
PAB	A2	US- 4,463,234	07/31/1984	Bennewitz					
MB	А3	US- 6,073,341	06/13/2000	Odorfer, Richard A.					
	A4	US-							
	A5	US-			RECEIVED				
	A6	US-			CED O O				
	A7	US-			SEP 2 3 2002				
	A8	US-			Technology Center 2600				
	A9	US-							
	A10	US-							
	A11	US-							

			Fo	oreign Patent	Documents		
Exam. Init.*	Cite No.	Foreign Patent Document		B 15-5-5-1		Pages, Columns, Lines, Where	TI-4:
		Ctry. Code	Number-KindCode (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
PIB	B1	DE	298 11 378 U 1	06/29/1998			(Abstract)
PUB	B2	EP	1065687A2	01/03/2001	Alps Electric Co., Ltd.		
	В3						
	B4						
	B5						
	В6						
	B7						

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
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	C3						

Examiner:	Paul	Bell

Date Considered:

9/24/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





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]		Raymond P. Johnston; Jennifer R. Yi; Brian E. Spiewak						
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		unknown						
	_	U.S. PATEN	T DOCUMENTS					
Examiner	Document Number	Issue/Document	Name		Filing I			
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